

EVALUATION OF SPATIAL RULES OVER A MOBILE POPULATION

Spatial rules involve locations of entities, such as wireless devices, from a mobile population. When evaluating rules in a communication network, attributes of an entity are determined, where one of the attributes comprises location of the entity. Rules are evaluated to produce one or more results, each of the rules operating on the attributes of the entity. Specified actions for the rules are performed, based on the evaluation of the rules. At least one of the specified actions comprises communicating a result to an application. The communication network may have a portion that is wireless. An attribute of the entity can include subscriber information and an entity generally corresponds to a particular subscriber in the communication network, but the entity may also correspond to multiple subscribers. An entity may be a wireless device, which can subscribe to a network. Rules can apply to particular geographical regions, to particular subscribers, to both, or to additional criteria.